

Title (en)
VEHICLE WITH A SEMI-AUTOMATIC TRANSMISSION HAVING A REVERSE GEAR AND METHOD FOR CONTROLLING THIS TRANSMISSION

Title (de)
FAHRZEUG MIT EINEM HALBAUTOMATIKGETRIEBE MIT EINEM RÜCKWÄRTSGANG UND VERFAHREN ZUR STEUERUNG DIESES GETRIEBES

Title (fr)
VEHICULE AVEC UNE TRANSMISSION SEMI-AUTOMATIQUE AYANT UNE MARCHE ARRIERE ET METHODE POUR CONTROLER CETTE TRANSMISSION

Publication
EP 2268534 B1 20120516 (EN)

Application
EP 08747212 A 20080430

Priority
US 2008062057 W 20080430

Abstract (en)
[origin: WO2009134256A1] A vehicle (1) having a frame, at least two wheels (14, 16), a straddle seat (28), a handlebar (18) with first (20) and second (22) handles, an engine (30), and a semi-automatic transmission (32). A reverse actuator (152) is electronically connected to a control unit (46) of the semi-automatic transmission. At least one shifter (108) is electronically connected to the control unit such that moving the at least one shifter to an up-shift position causes the control unit to send a signal to the semi-automatic transmission to shift up and moving the at least one shifter to the down-shift position causes the control unit to send a signal to the semi-automatic transmission to shift down. The control unit sends a signal to the semi-automatic transmission to select the at least one reverse gear (34) only when the reverse actuator is actuated while the at least one shifter is moved. A method of controlling a semi-automatic transmission is also disclosed.

IPC 8 full level
B62K 11/14 (2006.01); **B62K 23/06** (2006.01); **B62M 25/08** (2006.01)

CPC (source: EP US)
B62K 5/027 (2013.01 - EP US); **B62K 5/05** (2013.01 - EP US); **B62K 5/08** (2013.01 - EP US); **B62K 11/14** (2013.01 - EP US); **B62K 23/02** (2013.01 - EP US); **B62K 23/06** (2013.01 - EP US); **Y10T 74/20091** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009134256 A1 20091105; CA 2712281 A1 20091105; CA 2712281 C 20131112; CN 101977808 A 20110216; CN 101977808 B 20140423; EP 2268534 A1 20110105; EP 2268534 B1 20120516; ES 2388317 T3 20121011; US 2011042157 A1 20110224; US 8230962 B2 20120731

DOCDB simple family (application)
US 2008062057 W 20080430; CA 2712281 A 20080430; CN 200880128232 A 20080430; EP 08747212 A 20080430; ES 08747212 T 20080430; US 86311608 A 20080430